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Heavy Work in the Cotton Ginning Industry, by
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Moscow.

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Procedure for the Manufacture of Flame Retardant
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BRITISH, PATENT 701 643
M.L. Ref : 5225.47 (H. 13079)

A. G. Bayer

Sci-Materials
July 69

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Preventives of Aging and Their Effects on the
Oxidation of Rubber and Vulcanized Rubber, by
P. Schneider, A. G. Bayer, 32 pp.

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SLA 60-18921

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Novel Esters of Thiophosphoric Acid
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A. G. Bayer, 8 pp.
FRSCHI, Patent No 1,093,728.
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A. G. Bayer

Sci-
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Process for the Preparation of Synthetic Thermoplastic
Materials, by Farbwerke Bayer A. G., 13 pp.
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Sid - Phys
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Bayer A.G., Farbwerke

Method for the Preparation of Hexachloroindenone
and Pentachloroindenone or 1,3-diketo-hexachloro-
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GERMAN, Patent No F 9989, Class 12^o, 25, per
Patentblatt, Vol LXXIV, 7 Oct 1954, p 1410.

SLA Tr 2025

Sci - Chem

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Building Material Mixtures Containing Lime
or Cement and Alkylpolysiloxanes for the
Preparation of Water Repellent Products
by A.G. Aarbenfabriken Bayer.
GERMAN, German Patent 1152649
GB 334/CT.43 - 9/-

A. G. Aarbenfabriken Bayer

Sci -
Aug 67

338-369

Bayer, E., Reuther, K.-H. and Born, F.
ANALYSIS OF AMINOACID MIXTURES BY MEANS
OF GAS PARTITION CHROMATOGRAPHY (Analyse
von Aminosäure-Gemischen mittels Gas-Verteilungs-
chromatographie) tr. by Tatiana Boldyreff. 24 Feb 60,
3p. (refs. omitted). 60-15722
Order from OTS or SLA \$1.10

Trans. of Angewandte Chemie (West Germany) 1957,
v. 69, no. 20, p. 640.

DESCRIPTORS: *Amino acids, Acids, Mixtures,
Chromatographic analysis, *Gas chromatography

(Chemistry--Analytical, TT, v. 7, no. 3)

60-15722

- I. Bayer, E.
- II. Reuther, K.-H.
- III. Born, F.
- IV. Naval Medical School,
Bethesda, Md.

60-15722

12-29-61

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62-10464
Bayer, Ernst, Hupe, K. H., and Witsch, H. G.
PREPARATIVE GAS CHROMATOGRAPHY. [1961]
{15p. 20 refs.
Order from SLA \$1.60

Trans. of Angewandte Chemie (West Germany) 1961,
v. 73, p. 525-530.

DESCRIPTORS: *Gas chromatography, Chromato-
graphic analysis.

The applications of preparative gas chromatography
are discussed. Examples are presented for separation
efficiency, load maxima on columns. Specific examples
with reference to etherified sugars are described. The
described gas chromatographic method makes it pos-
sible to separate a 50 to 200 gram mixture of volatile
substance within 10 to 60 minutes. (Author)
(Chemistry--Analytical, TT, v. 7, no. 10)

62-10464
I. Bayer, E.
II. Hupe, K. H.
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SLA TT 64-20435

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Results Obtained With the German Two-Band Carrier
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GERMAN, per, Europaischer Fernsprechdienst,
Vol LII, Jul 1939, pp 155-162.

SLA Tr 57-927

Sci - Electronics
Jan 58

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TT-63-20352

Bayer, Hans J. von and Knechtli, Ronald.
TREATMENT OF MULTICONDUCTOR SYSTEMS WITH
TRANSVERSE ELECTROMAGNETIC WAVES AT HIGH
FREQUENCIES (Über die Behandlung von Mehrleiter-
systemen mit Transversal Elektromagnetischen Wellen
bei Hohen Frequenzen). [1963] 15p 9refs
Order from SIA \$1.60

TT-63-20352

Trans. of Zeitschrift für Angewandte Mathematik und
Physik (Switzerland) 1952, v. 3, p. 271-286. (Abstract
available)

DESCRIPTORS: *Electromagnetic waves, *Propagation,
High frequency, Multiple operation, *Transmission
lines, Coupling circuits, Dipole antennas, Mathematical
analysis, Microwaves.

The paper deals with problems of wave-propagation on
multiconductor transmission lines at very high fre-
quencies. The transmission line equations of current
(Physics - Wave Propagation, TT, v. 11, no. 4) (over)

I. Beyer, H. J. von
II. Knechtli, R.

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(FID 28900)

Lysergic Acid as a Base in the Colorimetric
Determination of Ergot Alkaloids, by Pal Tusson,
Jolan Tusson, Istvan Bayer, 15 pp.

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CIA/FID U-9097

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HUNG - Hungary
Sci - Chemistry
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PINE BY PAPER CHROMATOGRAPHY. [1961] 4p.
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Trans. of Ceskoslov[enska] Farm[acie] 1960, v. 9,
p. 396-397.

1. Reserpine--Chromato-
graphic analysis
2. Paper chromatography--
Applications
1. Bayer, J.
- II. ATS-34N50C
- III. Associated Technical
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ATS CJ-4081

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The Uses of Zinc and Zinc Alloys with Especial
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Sci

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Impact Bending Strength of Zinc Alloys at Low
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SLA Tr 1817 Jan 1957

Sci - Min/Met
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Possibility of a New Therapeutic Treatment
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GERMAN, per, Deut Med Wochenschr, 1936, Vol LIII,
No 17, pp 679-683,

SLA 60-10615

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Vol 3, No 4

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Acute Gastric Ulcers, Pt 1, by Ludvig Bayer,
40 p.

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SLA 60-10616

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Vol 3, No 4

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SCI - PHYS

AUG 62

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Gewerbehygiene, Vol 9, 1939, pp 592-606

NTC 72-13128-06T

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Order from SLA \$1.10

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of the Leverkusen Works of the I. G. Farbenindustrie,
1941(7), p. 286-287.

DESCRIPTORS: Polymerization, *Polymers, Decompo-
sition, Melting, Cellulose chemistry, Aliphatic com-
pounds, Molecular structure, Molecular weight,
Hydrogen, Atoms, *Urethanes, *Organic compounds,
Industrial research.

(Materials--Plastics, TT, v. 7, no. 5)

61-10661

I. Bayer, O.
II. Lieser, T.
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by Otto Beyer, 40 pp.

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Cement, and Various Mortars, by O. Bayer, E. Wetzel.

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POLYURETHANE (Das Di-Isocyanat-Polyadditionsver-
fahren (Polyurethane). [1961] [58]p. 44 refs.
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v. 59, no. 9, p. 257-288.
Partial trans. available from SLA mi\$3.00, ph\$6.30 as
59-15388 [1959] 40p.

DESCRIPTORS: *Urethanes, Polymerization, *Cyanates,
Chemical reactions, Molecular weight.

(Engineering--Chemical, TT, v. 7, no. 4)

61-20990

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Bayer, Otto and Müller, Erwin.
VULCOLANES: THE PRINCIPLE OF URETHANE
ELASTOMER PREPARATION. [1961] [14]p. 18 refs.
Order from SLA \$1.60 62-10053

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v. 72, no. 24, p. 934-939.
Other translations are available from RIS \$30.00 as
RIS D-669 [1961] 17p. and from SLA \$1.60 as
61-20991 [1961] [18]p.

DESCRIPTORS: *Elastomers, *Urethanes, Synthesis,
Glycols, Cyanates, Polymers, *Plastics

For abstract see 61-20991 above.

(Materials--Plastics, TT, v. 7, no. 4)

62-10053

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- I. Bayer, O.
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- III. Title: Principle...

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Order from RIS \$30.00

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Trans. of Angewandte Chemie (West Germany) 1960,
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DESCRIPTORS: *Elastomers, *Urethanes, Synthesis,
Glycols, Cyanates, Polymers, *Plastics.

(Materials--Plastics, TT, v. 6, no. 5)

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- I. Title: Vulkollan
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DESCRIPTORS: *Diesel engines, Germany.

(Machinery--Engines, TT, v. 7, no. 4)

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1 A Scheme of Weak Interactions With Neutral
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Z. Bayer, 23 pp.

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A METHOD FOR MEASURING ELECTROSTATIC
CHARGE IN TEXTILES (Metoda Měření
Elektrostatického Náboje na Textilních). [1962][10]p.
(foreign text included) 2 refs.
Order from SLA \$1.10 62-14310

Trans. of Tuxtill (Czechoslovakia) 1959, v. 14,
p. 11-12.

DISCRIPTORS: *Textiles, *Electrostatic generators,
*Static electricity, Measurement, Fibers.

An apparatus is described that was constructed for
the measurement of electrostatic charge. The appa-
ratus rubs the selected material together, and by
use of a measuring pistol with an electron tube, the
generated charge is measured.

(Materials--Textiles, TT, v. 4, no. 7)

62-14310

I. Bayer, Z.

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The Coriolis Force α of a Sphere in a ~~KIRK~~
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SIA Tr 57-432

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Sci-B&M
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THE CODE OF PROTEIN SYNTHESIS, BY A. A. BAVEV, 23 PP.

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14 pp.

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(FDD 20589)

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Sc. Tr RT-2912
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Scientific - Electricity, Physics

Jul 55 CTS

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